

ORACLE FLEXCUBE CORE BANKING DEPLOYMENT OPTIONS



OPTIMIZE APPLICATION DEPLOYMENT BASED ON BUSINESS REQUIREMENTS.

KEY FEATURES

- Centralized and decentralized deployment
- Dynamic logical partitioning
- Application server and database clustering
- RAID 1+0 disk failover support
- Disaster recovery

KEY BENEFITS

- Leverage a decentralized deployment model to support offline transactions and expansion into areas with network instability.
- Minimize maintenance costs and increase security through a centralized deployment model.
- Ensure a seamless performance with native load balancing and backup and recovery support.
- Use logical partitioning to minimize maintenance and power consumption.

Responding to the demands of increased regulatory requirements, international expansion, and increased acquisition activity requires flexibility. Rules, network reliability, and business processes can vary widely across geographies and product lines. IT systems must accommodate these challenges both functionally and technically. Oracle FLEXCUBE Core Banking supports several deployment options that allow banks to provide services uniformly across all channels and markets.

Centralized and Decentralized Branch Support

Oracle FLEXCUBE Core Banking can be deployed in either a centralized or decentralized model. Supporting both approaches allows organizations to optimize their IT infrastructure around enterprise business processes—rather than molding their processes to meet inflexible system constraints.

In the decentralized model, each branch has its own server setup. This enables offline support and also localizes the impact of any single server failure to a specific branch. Such a deployment option is most suitable for banks with branches across geographies, especially in locations where the network is unreliable and the connection with the host could experience frequent interruptions.

In a centralized approach, the branch server and the host server reside in the same data center. This provides centralized control over hardware and system availability, which reduces deployment and maintenance costs. In addition, because the branch server is located in the data center, it is subject to the data center's stringent security controls, which helps protect against fraudulent activity.

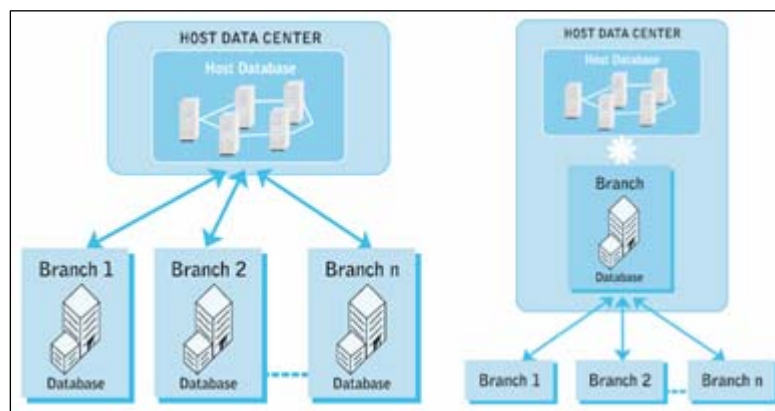


Figure 1: Decentralized versus centralized deployment architecture

RELATED PRODUCTS AND SERVICES

Oracle FLEXCUBE Core Banking is a function-rich, customer-centric solution that allows you to stay ahead of the competition and exceed customer expectations by quickly responding to market changes with personalized products and services at a lower cost. Multiple deployment options ensure that you can optimize a solution around your business processes.

ADDITIONAL ORACLE FLEXCUBE SOLUTIONS

- Oracle FLEXCUBE Universal Banking
- Oracle FLEXCUBE Lending and Leasing
- Oracle FLEXCUBE Private Banking
- Oracle FLEXCUBE Islamic Banking
- Oracle FLEXCUBE Investor Servicing

Host Component Setup

The host component consists of three primary layers, each one engineered to be feature rich.

- **Application server.** Dynamic logical partitioning (LPAR) is used on each application server machine for server consolidation, which minimizes maintenance, power consumption, and chances of failure. In addition, servers are clustered to ensure that no one machine becomes a single point of failure.
- **Database.** Advanced Interactive eXecutive high-availability cluster multiprocessing moves Oracle 10g servers from primary to secondary central processing units (CPUs) to distribute the load and provide failover support. Oracle Real Application Clusters aids load balancing across LPAR CPUs and assists recovery from specific memory failure points.
- **Disk.** Redundant array of independent disks (RAID) 1+0 ensures high availability in the event of disk and disk driver failures.

Disaster Recovery

The host database is deployed in the production data center with a mirrored image at a disaster recovery site. The system is architected so that the disaster site contains a backup of all mission-critical servers. This ensures that recovery can be completed quickly without any data loss using Oracle Data Guard or SAN replication.

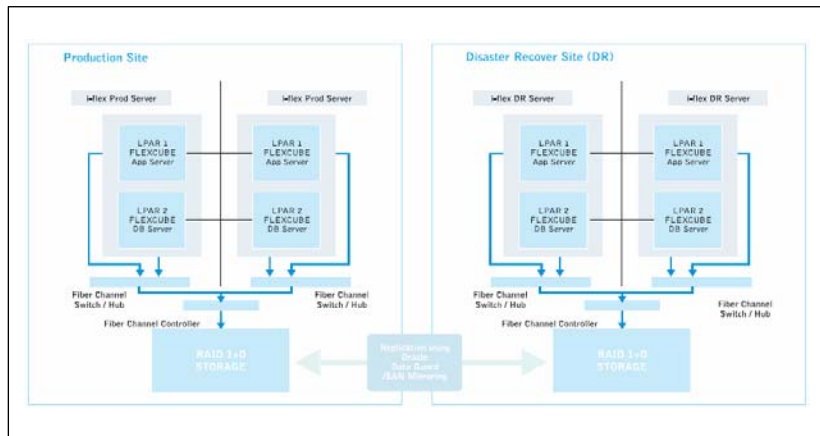


Figure 2: Layered infrastructure for host component and mirrored disaster recovery site

Contact Us

For more information about Oracle FLEXCUBE Core Banking, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

Copyright © 2008, Oracle and/or its affiliates. All rights reserved.

This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor is it subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners. 0808